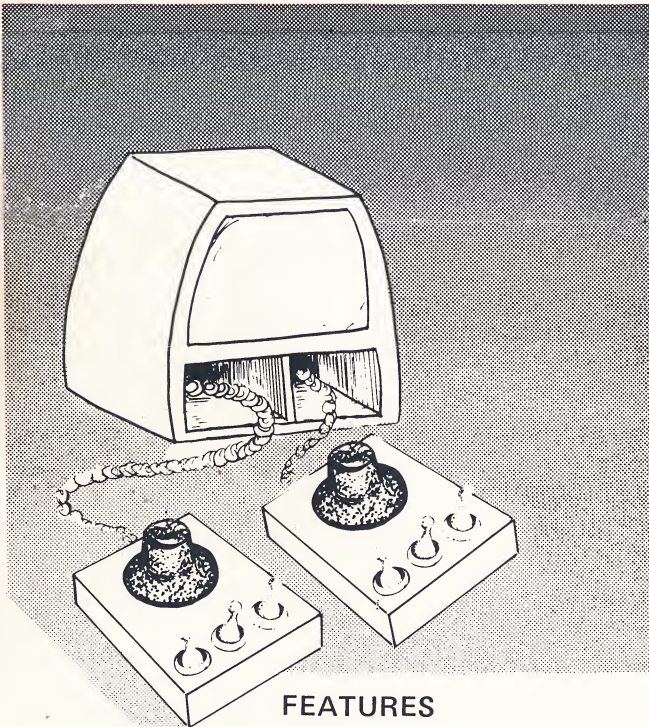


PRELIMINARY

extensys
 corporation


FEATURES

- HIGH RESOLUTION MONITOR
- VIDEO GAME ELECTRONICS
- PROM RESIDENT VIDEO GAME SOFTWARE
- S-100 BUS COMPATIBLE
- GAME CONTROL PANELS

CGM77

The CGM 77 Computer Game Machine is a fully tested system that provides the basis for developing the most sophisticated video games imaginable. The CGM 77 board is S-100 bus compatible, making it usable on over a dozen different computer systems. The only additional components that are needed for a complete video game system would be 8K bytes of RAM interfaced to the microcomputer system. The Extensys RM64-32 RAM board is ideally suited for this.

Special control panels are available that provide universal control for either one or two simultaneous players. Output of the video game board is in the form of composite sync that can be used directly by the high resolution video monitor. Optionally, it may be connected to existing RF interface for a home television set. (Neither RF or TV are provided by Extensys.)



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The real heart of the system is the Extensys Game Machine. This is a sophisticated piece of software developed by Extensys for the rapid implementation of video games. The Game Machine permanently resides in PROM chips that are part of the game board and therefore never need to be loaded. The Game Machine software actually transforms the microprocessor into a much more powerful

and sophisticated computer whose instruction set is ideally suited for the development of video games. All that is needed to implement any video game idea is to program the Game Machine using the higher level language just as a computer is programmed. For example the popular TANK or BIPLANE games could be implemented in less than 50 Game Machine instructions.

